

**Patent Number(s): JP48079898-A**

**Title:** High mol-wt polyester with good whiteness - prep'd by melting bis-(beta-hydroxyethyl) terephthalate quenching and finally poly condensing with a catalyst

**Patent Assignee Name(s) and Code(s):** KURARAY CO LTD (KURS-C)

**Derwent Primary Accession Number:** 1974-33336V [18]

**Patents Cited by Inventor:** 0

**Citing Patents:** 0

**Articles Cited by Inventor:** 0

**Patents Cited by Examiner:** 0

**Articles Cited by Examiner:** 0

**Abstract:**

A mixt. of bis(beta-hydroxyethyl) terephthalate (I) having extinction coeffs.  $1.70 \pm 0.30 \times 10^4$  and  $1.80 \pm 0.30 \times 10^3$  l./mole-cm at 242 and 288 m $\mu$ , resp., in 95% aq. EtOH and  $\geq 10\%$  2-4C glycol is melted at  $\geq 90$  degrees, quenched, washed or recrystd. with H<sub>2</sub>O, hydrocarbon, halogenated hydrocarbon, alc., ether, ketone, carboxylic acid, lower alkyl carboxylate, mercaptan, and/or sulphide, dried, heated 10-120 min. at 100-290 degrees, and polycondensed in the presence of  $\leq 0.1$  wt.% polycondensation catalyst at high temp. and reduced pressure. The product has good whiteness and high mol. wt.

**Derwent Class:** A23 (Polyamides, polyesters, polycarbonates, alkyds)

**Derwent Manual Code(s):** A05-E04A; A10-G01

**Patent Details:**

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